



```

US-09-856-070-21 (1-12) x US-09-864-864-864 (1-2930)

QY 1 GluGluLeuMetLeuArqLeuGlnAspTyrGluGlu 12
|||||
Db 1109 CAGCAGTTGATGCTGGCGCTGCAGGACTAICAGGAG 1144

RESULT 2
US-09-860-107-3718
: Sequence 3718, Application US/09880107
: Patent No. US20020142981A1
: GENERAL INFORMATION:
: APPLICANT: Horne, Darci L.
: APPLICANT: Vockley, Joseph G.
: APPLICANT: Scherl, Uwe
: APPLICANT: Gene Logic, Inc.
: TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
: FILE REFERENCE: 44921-5028 WO
: CURRENT APPLICATION NUMBER: US/09/880,107
: PRIOR FILING DATE: 2001-06-14
: PRIOR APPLICATION NUMBER: US 60/211,379
: PRIOR FILING DATE: 2000-06-14
: PRIOR APPLICATION NUMBER: US 60/237,054
: PRIOR FILING DATE: 2000-10-02
: NUMBER OF SEQ ID NOS: 3950
: SOFTWARE: Patent In Ver. 2.1
: SEQ ID NO 3718
: LENGTH: 3044
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: OTHER INFORMATION: Genbank Accession No. US20020142981A1 X51521
: NAME/KEY: unsure
: LOCATION: (1)-(3044)
: OTHER INFORMATION: n = a or c or g or t
US-09-880-107-3718

Alignment Scores:
Pred. No.: 0.00219 Length: 3044
Score: 60.00 Matches: 12
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

US-09-856-070-21 (1-12) x US-09-860-107-3718 (1-3044)

QY 1 GluGluLeuMetLeuArqLeuGlnAspTyrGluGlu 12
|||||
Db 1150 CAGCAGTTGATGCTGGCGCTGCAGGACTAICAGGAG 1185

RESULT 3
US-09-864-864-829
: Sequence 329, Application US/09864864
: Patent No. US20020102679A1
: GENERAL INFORMATION:
: APPLICANT: Xu, Jianqun
: APPLICANT: Mitcham, Jennifer L.
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Dillon, David C.
: APPLICANT: Secrist, Heather
: APPLICANT: Lodes, Michael J.
: APPLICANT: Alqate, Paul A.
: APPLICANT: Flinn, Steve P.
: APPLICANT: Munton, Jane
: APPLICANT: Benson, Darin K.
: APPLICANT: Carter, Darrick
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210131-524
: CURRENT APPLICATION NUMBER: US/09/864-864
: CURRENT FILING DATE: 2001-05-24
: NUMBER OF SEQ ID NOS: 341

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: SOFTWARE: Corixa Invention Disclosure Database
: SEQ ID NO 329
: LENGTH: 3047
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)-(3047)
: OTHER INFORMATION: n = A,T,C or G
US-09-864-864-329

Alignment Scores:
Pred. No.: 0.00219 Length: 3047
Score: 60.00 Matches: 12
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

US-09-856-070-21 (1-12) x US-09-864-864-329 (1-3047)

QY 1 GluGluLeuMetLeuArqLeuGlnAspTyrGluGlu 12
|||||
Db 1150 CAGCAGTTGATGCTGGCGCTGCAGGACTAICAGGAG 1185

RESULT 4
US-09-925-299-123
: Sequence 123, Application US/09925299
: Patent No. US20020055627A1
: GENERAL INFORMATION:
: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
: FILE REFERENCE: PA102
: CURRENT APPLICATION NUMBER: US/09/925,299
: CURRENT FILING DATE: 2001-08-10
: PRIOR APPLICATION NUMBER: PCT/US00/05883
: PRIOR FILING DATE: 2000-03-08
: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 1556
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 123
: LENGTH: 3115
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-925-299-123

Alignment Scores:
Pred. No.: 0.00225 Length: 3115
Score: 60.00 Matches: 12
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

US-09-856-070-21 (1-12) x US-09-925-299-123 (1-3115)

QY 1 GluGluLeuMetLeuArqLeuGlnAspTyrGluGlu 12
|||||
Db 1182 CAGCAGTTGATGCTGGCGCTGCAGGACTAICAGGAG 1217

RESULT 5
US-09-864-761-27935/c
: Sequence 27935, Application US/09864761
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Penn, Sharon G.
: APPLICANT: Rank, David K.
: APPLICANT: Hanzel, David K.
: APPLICANT: Chen, Wensheng
: TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
: CURRENT FILING DATE: 2001-05-24
: FILE REFERENCE: Acomica-X-1

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QY 2 GlusluMetLeuArqLeuGluInAspTyrGluGlu 12  
 | | | | | | | | | | | | | | | | | | | |  
 Db 496 GAGCTATTTCGCGCTTCAGGAATTTTGA 364  
 RESULT 7  
 US 09 864 475A 9  
 : Sequence 9, Application US/09863475A  
 : Patent No. US20020102688A1  
 : GENERAL INFORMATION:  
 : APPLICANT: LOWE, JOHN B.  
 : TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS  
 : OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,  
 : GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION  
 : OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES  
 : NUMBER OF SEQUENCES: 14  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESS: OHION, SPIVAK, McCLELLAND, MAIER & NEUSTADT,  
 : P.C.  
 : STREET: 1755 Jefferson Davis Highway, Fourth Floor  
 : CITY: Arlington  
 : STATE: Virginia  
 : COUNTRY: U.S.A.  
 : ZIP: 22202  
 : COMPUTER READABLE FORM:  
 : MEDIUM TYPE: Floppy disk  
 : COMPUTER: IBM PC compatible  
 : OPERATING SYSTEM: PC-DOS/MS-DOS  
 : SOFTWARE: Patent In Release #1.0, Version #1.25  
 : CURRENT APPLICATION DATA:  
 : APPLICATION NUMBER: US/09/863,475A  
 : FILING DATE: 24-May-2001  
 : CLASSIFICATION: <Unknown>  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: 07/914,281  
 : FILING DATE: 20 Jul-1992  
 : ATTORNEY/AGENT INFORMATION:  
 : NAME: Lavallee, Jean-Paul M. P.  
 : REGISTRATION NUMBER: 31,451  
 : REFERENCE/DOCKET NUMBER: 2363-060-55  
 : TELECOMMUNICATION INFORMATION:  
 : TELEPHONE: (703)521-4500  
 : TELEX: 248855 OPAT UR  
 : INFORMATION FOR SEQ ID NO: 9:  
 : SEQUENCE CHARACTERISTICS:  
 : LENGTH: 1486 base pairs  
 : TYPE: nucleic acid  
 : STRANDEDNESS: unknown  
 : TOPOLOGY: unknown  
 : MOLECULE TYPE: DNA (genomic)  
 : SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
 US 09 864-475A-9  
 Alignment Scores:  
 Prod. No.: 27 Length: 1488  
 Score: 39.00 Matches: 8  
 Percent Similarity: 83.3% Conservative: 2  
 Best Local Similarity: 66.6% Mismatches: 2  
 Query Match: 65.0% Indels: 0  
 DB: 10 Gaps: 0  
 US 09 864-475A-21 (1 12) x US 09 864-475A-9 (1-1488)  
 QY 1 GlusluMetLeuArqLeuGluInAspTyrGluGlu 12  
 | | | | | | | | | | | | | | | | | | | |  
 Db 679 GAGGAGGTCGATCGCGCGTGGGACACAGAGGAG 714  
 RESULT 8  
 US 09 864-475A-7  
 : Sequence 7, Application US/09863475A  
 : Patent No. US20020102688A1  
 : GENERAL INFORMATION:  
 : APPLICANT: LOWE, JOHN B.  
 : TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS  
 : OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,  
 : GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION  
 : OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES

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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Exon ID No US20020137081A1 823117 1
US-10-044-090-190

Alignment Scores:
Pred. No.:          90 0
Score:              39.00
Length:             4242
Matches:             7
Percent Similarity: 81.82%
Conservative:        2
Best Local Similarity: 63.64%
Mismatch:            2
Query Match:         65.00%
Indels:              0
Gaps:                0
DB:                  12

US-09-856-070-21 (1-12) x US 10 044-090-190 (1 4242)

QY 2 GluLeuMetLeuArgLeuGlnAspTyrGlu 12
Db 1747 GATCTCATGTTTAAAGAAAAGAGATATGAA 1779

RESULT 10
US-09-938-842A-854/1
; Sequence 854, Application US/00938842A
; Patent No. US20020160378A1
; GENERAL INFORMATION:
; APPLICANT: Harper, Jeff
; APPLICANT: Kroes, Joel
; APPLICANT: Wang, Xun
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
; FILE REFERENCE: SCRIPT000-3
; CURRENT APPLICATION NUMBER: US/09/938 842A
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/227,856
; PRIOR FILING DATE: 2000 08 24
; PRIOR APPLICATION NUMBER: US 60/264,647
; PRIOR FILING DATE: 2001 01-16
; PRIOR APPLICATION NUMBER: US 60/300,111
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 5379
; SEQ ID NO 854
; LENGTH: 2124
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-938-842A-854

Alignment Scores:
Pred. No.:          109
Score:              37.00
Length:             2124
Matches:             6
Percent Similarity: 81.92%
Conservative:        3
Best Local Similarity: 54.35%
Mismatch:            2
Query Match:         61.67%
Indels:              0
Gaps:                0
DB:                  9

US-09-856-070-21 (1-12) x US-09-938-842A-854 (1 2124)

QY 1 GluGlnMetLeuArgLeuGlnGlnAspTyrGlu 11
Db 1276 CAAGAGTGTATTTTGTATGTAAGATATATGAG 1244

RESULT 11
US-09-917-800A-502
; Sequence 502, Application US/09917800A
; Patent No. US20020119452A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc
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; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/222,040
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 60/222,880
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/290,029
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,645
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: US 60/292,336
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/295,798
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/297,457
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,884
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/303,459
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 1740
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 502
; LENGTH: 7420
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020119452A1 AF084186
US-09-917-800A-502

Alignment Scores:
Pred. No.:          452
Score:              37.00
Length:             7420
Matches:             7
Percent Similarity: 83.43%
Conservative:        3
Best Local Similarity: 58.33%
Mismatch:            2
Query Match:         61.67%
Indels:              0
Gaps:                0
DB:                  0

US-09 856 070 21 (1-12) x US-09 917 800A 502 (1 7420)

QY 1 GluGlnMetLeuArgLeuGlnGlnAspTyrGlu 12
Db 2905 AAGGAGCTGCTCTTGGCTCTCTATGACATCAAGAG 2940

RESULT 12
US-09-954-456-2006
; Sequence 2006, Application US/00954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti Cancer Therapeutic Agents Using C
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000 09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
; PRIOR FILING DATE: 2000-09-27
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Search completed: January 16, 2003, 21:46:11  
Job time : 49.6286 secs

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